

# UNITED STATES PATENT OFFICE.

JOSEPH W. BIRCH, OF NEW YORK, N. Y.

## IMPROVEMENT IN FLUID STOVE-POLISHES.

Specification forming part of Letters Patent No. 133,917, dated December 17, 1872.

*To all whom it may concern:*

Be it known that I, JOSEPH W. BIRCH, of New York, in the county and State of New York, have invented a certain Compound called Fluid Stove-Polish, of which the following is a specification:

The nature of this invention consists in mixing American plumbago, German black lead, lamp-black, and alum with vinegar, water, and essence of oil of almonds.

To prepare the fluid stove-polish I dissolve about one-half ( $\frac{1}{2}$ ) pound of alum in one-third ( $\frac{1}{3}$ ) of a gallon of water. Then take two and one-half ( $2\frac{1}{2}$ ) pounds of American plumbago, one (1) pound of German black lead, and half ( $\frac{1}{2}$ ) a pound of lamp-black, and mix the same with about two-thirds ( $\frac{2}{3}$ ) of a gallon of vinegar and half ( $\frac{1}{2}$ ) an ounce of essence of oil of almonds, and then add the dissolved alum. These ingredients must then be well mixed

for about one hour, for which purpose I prefer a closed revolving cylinder, provided with internal - projecting flanches or arms; after which the mixture is ready to be filled in bottles.

This polish is applied with a sponge or hair brush to the surface of the stove, and is then rubbed either with a polishing-brush or a woolen cloth till dry, and will produce a finer polish and last longer than any other polish at present in use.

What I claim as my invention, and desire to secure by Letters Patent, is—

The above-described compound, substantially as and for the purpose herein set forth.

JOS. W. BIRCH.

Witnesses:

HENRY E. ROEDER,  
FREDERIC MCEWAN.